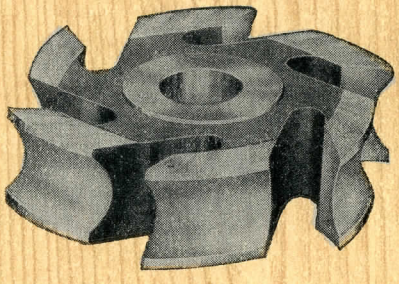
CATALOG No. 82

"WOOD"

DRILLS
COUNTERSINKS
CUTTERS
SPECIAL TOOLS



MANUFACTURED BY

MORRIS WOOD & SONS, Inc.

5108-5110 WEST LAKE ST.

CHICAGO 44, ILL.

U. S. A

FOR WOOD CUTTING

★

TOOL MANUFACTURING PROGRESS

SINCE 1874

★

CATALOG NUMBER EIGHTY-TWO

Established January 1874

MORRIS WOOD & SONS

MANUFACTURERS OF
IMPROVED AND PATENTED

Wood Boring Bits, Counter-Sinks, Drills, Cutters and Tools of every Description.

Since 1874 we have designed and produced quality Woodworking Tools to fill the specifications and needs of the Boat Builders, Furniture, Piano, and Cabinet Makers as well as many other Wood Fabricators.

Our Tools are constantly being refined to meet the needs of the newly improved Woodworking Machines. Best materials, precision grinding, superior tempering, knowledge of proper clearances and attention to all details of manufacture are our careful aim.

With you, our customers in mind—we have continually held to this high standard of workmanship and material—an achievement we hope proves to you that we can serve you well. THE BEST TOOLS PRODUCE THE FINEST PRODUCT.

It Pays to Use the Genuine

5108-10 WEST LAKE STREET

CHICAGO 44, ILL.

AUSTIN 7-0190

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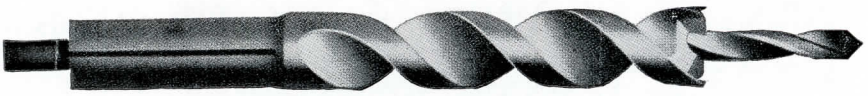
Style 5 Split Shank Adjustable Countersink



The original and genuine patented by Morris Wood in 1890.

When the boring machine chuck is tightened on the slotted shank, both countersink and drill are held firmly in place.

Center drills are replaced at small cost when broken.

All listed sizes are carried in stock with shanks ½ inch diameter x 1½ inches long. The **twist** on countersink is **3 inches long.** Overall length is 4½ inches. Center drills are 6 inches long.

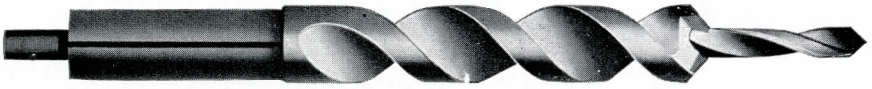
Notice wide range of stock sizes.

Diameters in Stock

⅜-inch		With $\frac{5}{32}$ or $\frac{3}{16}$ Drills
$\frac{7}{16}$	"	With $\frac{5}{32}$ or $\frac{3}{16}$ Drills
½	"	With ⅛, $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$ or ¼ Drills
$\frac{9}{16}$	"	With $\frac{3}{16}$, $\frac{7}{32}$, ¼ or $\frac{9}{32}$ Drills
$\frac{5}{8}$	"	With $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$, ¼, $\frac{9}{32}$ or $\frac{5}{16}$ Drills
$\frac{11}{16}$	"	With $\frac{3}{16}$, $\frac{7}{32}$, ¼, $\frac{9}{32}$ or $\frac{5}{16}$ Drills
¾	"	With $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$, ¼, $\frac{9}{32}$, $\frac{5}{16}$ or $\frac{11}{32}$ Drills
$\frac{13}{16}$	"	With $\frac{3}{16}$, $\frac{7}{32}$, ¼, $\frac{9}{32}$ or $\frac{5}{16}$ Drills
$\frac{7}{8}$	"	With $\frac{7}{32}$, ¼, $\frac{5}{16}$, $\frac{11}{32}$ or ⅜ Drills
1	"	With ¼, $\frac{5}{16}$, $\frac{11}{32}$ or ⅜ Drills
1⅛	"	With ¼, $\frac{5}{16}$, $\frac{11}{32}$ or ⅜ Drills
1¼	"	With $\frac{5}{16}$ or ⅜ Drills

Other sizes on application.

Style 5C Adjustable Countersink



Style 5C is similar to Style 5. Note: The Taper Head Countersink is to be used where deep drilling is desired.

Stock sizes ½ inch x $\frac{3}{16}$, $\frac{7}{32}$ or ¼ inch drill. Countersink is 3 or 4½ inches long. The Center drill is 4½ or 6 inches long.

ALL countersinks furnished with split shank or headless set screw adjustment. **SPLIT SHANKS FURNISHED UNLESS OTHERWISE SPECIFIED.**

ORDER BY STYLE NUMBER

Style 5 Countersink Drills

Stock Diameters: 3/32, 1/8, 5/32, 3/16, 13/64, 7/32, 15/64, 1/4, 17/64, 9/32, 5/16, 11/32 or 3/8 inch x 6 inches overall. Also made in 7 and 8 inch lengths.

Our center drills are the same diameter throughout, and are made to fit our countersinks perfectly.

Style 5 V-Point Countersink Drill

Angle drilling is frequently a problem because of the drift of the drill. This is cut to a minimum with our Style 5V point.

Stock Diameters: 3/16, 7/32 or 1/4 x 6 inches overall.

Style 5-TP Taper Point Centerdrill

The twist is tapered to correspond with the threaded part of a wood screw.

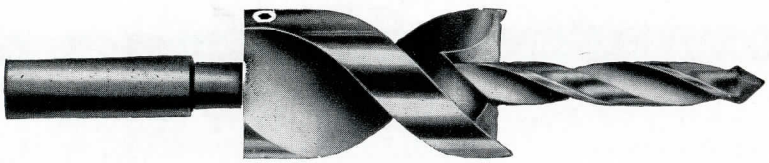
Style 5 Brad Point Countersink Drill

Stock Diameters: 3/16, 7/32 or 1/4 inch x 6 inches overall.

FURNISHED IN EITHER CARBON OR HIGH SPEED STEEL

ORDER BY STYLE NUMBER

Style 5A Adjustable Countersink



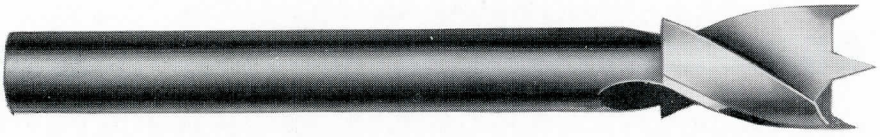
These countersinks are fastened on the center drill with a set screw as illustrated.

Countersink 5/8 inch diameter and smaller are 1½ inches long.

Countersinks 5/8 inch and larger are 2 inches long.

Countersink Dia.	Stock Sizes Drill Dia.
½-inch	3/16, 7/32, ¼"
5/8 "	3/16, 7/32, ¼, 9/32, 5/16"
¾ "	¼, 9/32, 5/16"
7/8 "	¼, 9/32, 5/16, 3/8"
1 "	¼, 9/32, 5/16, 3/8, ½"
1⅛ "	5/16, 3/8, ½"
1¼ "	5/16, 3/8, ½"
1⅜ "	5/16, 3/8, ½'
1½ "	3/8, ½"
1¾ "	½"
1⅝ "	½"
2 "	3/8, ½"

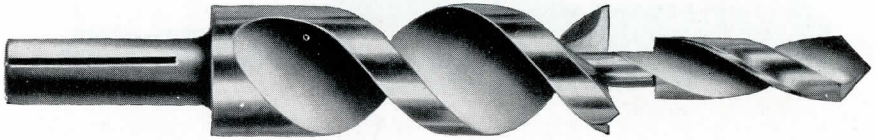
Style 5A Adjustable Countersink Drill



Stock sizes: 9/16, 5/8 or ¾ inch x 1 inch twist, ½ x 4 inch shank, 5 inches overall.

ORDER BY STYLE NUMBER

Style 5B Adjustable Countersink



This is another type of countersink which we have developed, and furnish when there is only a slight difference between the diameter of the countersink and drill.

Usually in sizes where the countersink is one inch or smaller and the center drill is ⅜-inch or larger. Center drill in this type is held firmly by a slotted shank or set screw, and by reason of the small hole in the countersink perfect chip clearance is provided.

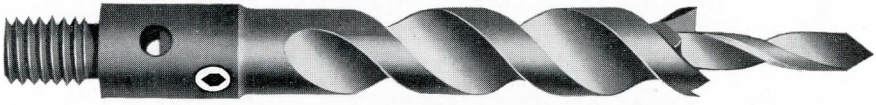
Regular lengths are same as style 5, page 2 or any desired length furnished to order.

Style 5B center drills have 1½ inch twist x 4½ inch shank, 6 inches overall.

Stock Sizes

Diameter of Twist	Diameter of Shank
$\frac{5}{16}$, ⅜, or $\frac{7}{16}$ inch	¼ or $\frac{5}{16}$ inch
⅜ or ½ inch	$\frac{5}{16}$ or ⅜ inch

Style 514 Screw Shank Countersink

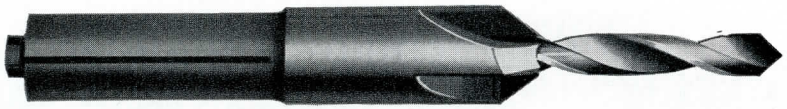


This Countersink is made to fit any make of boring machine. Is similar to Style 5, page 2 except center drill is held in place by a set screw and shanks are threaded.

Stock shanks are 7/16-14 and 5/16-18. 5/16-20 is Special. Left Hand Spiral, Special to order.

ORDER BY STYLE NUMBER

Style 8 Taper Countersink



This Countersink is made to bore for the screw, and countersink for screw head, in one operation. It has the same advantages as our style 5 described on page 2. For sinking screw heads flush with surface only. For below surface use style 5C or 5E.

Stock lengths. Countersink 3 inches long including shank. Center drills 4½ inches total length. Shank ½-inch diameter x 1½-inches long Special lengths, sizes or shanks to order, promptly furnished.

Diameters Carried in Stock

½-inch ..... With $\frac{3}{32}$, $\frac{1}{8}$, $\frac{5}{32}$, $\frac{11}{64}$, $\frac{3}{16}$, $\frac{1}{32}$ or ¼ Drills
$\frac{9}{16}$ " ..... With $\frac{3}{16}$, $\frac{13}{64}$, $\frac{7}{32}$, $\frac{15}{64}$, ¼ or $\frac{17}{64}$ Drills
⅝ " ..... With $\frac{3}{16}$, ¼, $\frac{9}{32}$, $\frac{19}{64}$, $\frac{5}{16}$, $\frac{11}{32}$ or ⅜ Drills
¾ " ..... With $\frac{3}{16}$, ¼, $\frac{5}{16}$ or ⅜ Drills

Style 8 Countersink Drills

Made especially for Style 8 Taper Countersink.

Twist 2" long

Diameters Carried in Stock

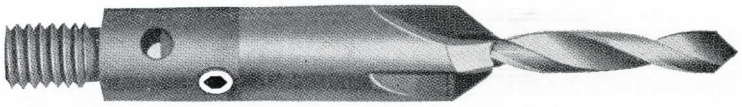
$\frac{3}{32}$, ⅛ or $\frac{5}{32}$-inch ..... 4½ inches
$\frac{3}{16}$, $\frac{13}{64}$, $\frac{7}{32}$, $\frac{15}{64}$ or ¼-inch ..... 4½ inches
$\frac{9}{32}$-inch ..... 4½ inches
$\frac{5}{16}$-inch ..... 4½ inches
$\frac{11}{32}$-inch ..... 4½ inches
⅜-inch ..... 4½ inches

Style 4 Taper Shell Countersink

Diameter of countersink is ½ inch. 1¼ inch overall, and is carried to fit center drills $\frac{9}{64}$, $\frac{5}{32}$, $\frac{11}{64}$, $\frac{3}{16}$, $\frac{13}{64}$, $\frac{7}{32}$, or ¼ inch diameter x 4½ inches overall. Other sizes special to order.

ORDER BY STYLE NUMBER

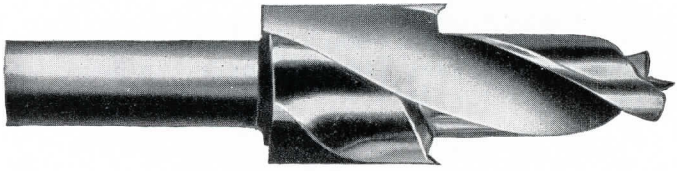
Style 814 Screw Shank Countersink



This Countersink is made to fit any make of boring machine. It is similar to Style 8, page 6 except the center drill is held in place by a set screw and has a threaded shank.

Carried in stock with 7/16-14 or 5/16-18 shanks. Also furnished in Left Hand Spiral Special to order.

Style 5D Solid Countersink

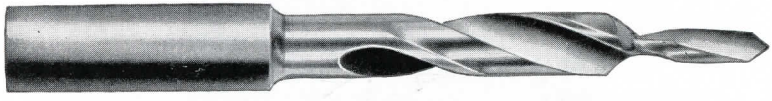


Brad or drill point.

Made in one piece. Any desired combination of sizes or lengths made to order.

Carried in stock ½-inch large diameter with 3/16—7/32 or ¼-inch small diameter 4½ inches overall.

Style 5E Solid Countersink



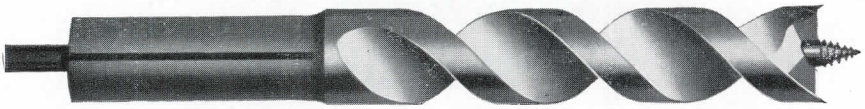
Made in one piece. Any desired combination of sizes or lengths made to order.

Carried in stock in ½-inch size with 3/16—7/32 or ¼-inch drill end and 4½ inches overall.

ORDER BY STYLE NUMBER

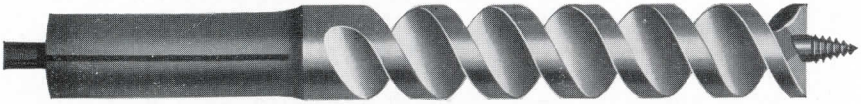
Improved Style 7 Side Boring Bit

WITH LOOSE SCREW POINT



Improved Style 3 End Boring Bit

WITH LOOSE SCREW POINT

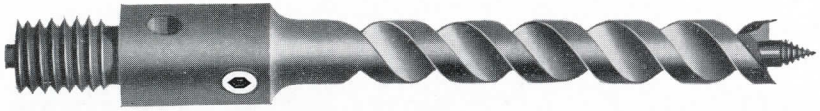


An original Morris Wood & Sons production. A test is convincing.

Guaranteed to outlast 12 of the common solid center bits, as these bits are sharpened and worn clear to the shank. The split shank holds the screw point firmly in place.

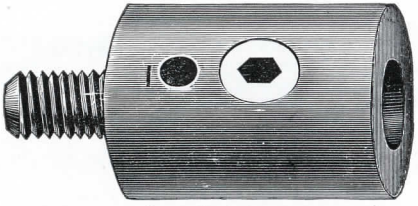
Standard length 3 inch twist. Shank 1½ inches long x ½ inch diameter. Total length 4½ inches. Special lengths furnished promptly to order. Also furnished with Morse No. 1 Taper Shank to order.

Style 714 Screw Shank Boring Bit



Screw Point is adjustable and can be replaced if broken. This bit may be sharpened and worn clear to the shank. Advise name of machine or size of shank. Stock shanks are 7/16-14, and 5/16-18.

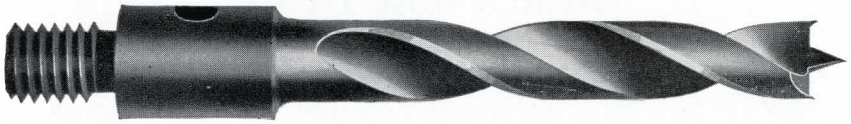
No. 1 Chuck for Boring Machine



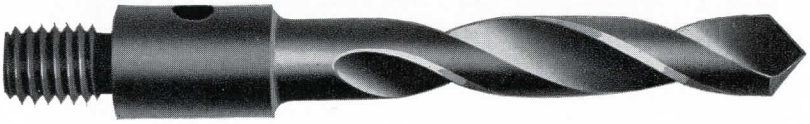
This Chuck has a ½-inch hole which enables one to use tools with a ½-inch shank in their screw shank boring machines.

ORDER BY STYLE NUMBER

Style 14 Screw Shank Brad Point Drills



Style 12 Screw Shank Drill Point Drills



Style 14 Brad point and Style 12 Drill point drills are carried in stock with 7/16-14 and 5/16-18 right or left hand screw shank and 5/16-20 right hand screw shank in all the sizes listed below. **It is made to fit EVERY make of boring machine.** These are high quality drills with spiral flutes accurately milled from solid bars of tool steel. **Notice the clearance along cutting edge which permits the drill to hold its accurate diameter until entirely worn its full length. Do not confuse these with the common auger type of twisted bit.** Standard lengths are 4½ inches over all. Special lengths furnished promptly.

Notice wide range of sizes. Right or Left Hand in stock.

Style 14 Screw Shank BP Drills

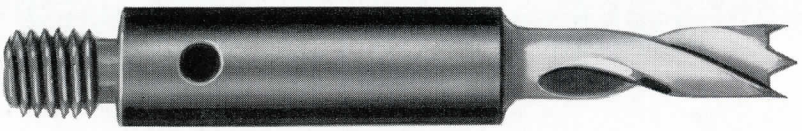
Diameter Inches		Diameter Inches		Diameter Inches		Diameter Inches	
1/8		5/16		29/64		3/4	
5/32		11/32		15/32		13/16	
3/16		3/8		1/2		7/8	
7/32		25/64		9/16		15/16	
1/4		13/32		5/8		1	
9/32		7/16		11/16			

Style 14 High Speed Steel

Stock sizes: 5/16, 3/8, 7/16 or ½ inch diameter with 7/16-14 shank. Carried in both RIGHT AND LEFT HAND.

ORDER BY STYLE NUMBER

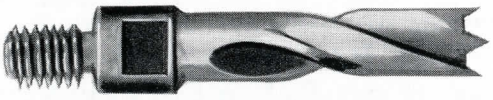
Style 14 Extended Screw Shank Brad Point Drills



These drills are made to fit the Bell Boring Machine. They have a twist 1½ inches long x ⅝ inch diameter shank, 4⅛ inches overall length x 7/16-14 screw shank. Both Right and Left Hand twist.

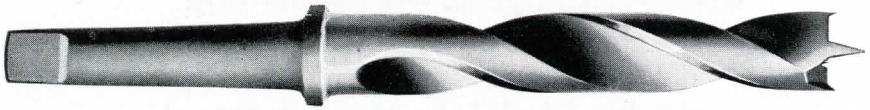
Stock sizes: 5/16, ⅜, 7/16, or ½ inch.

Style 14R Screw Shank Brad Point Drills High Speed Steel



The above drills are furnished to fit the J. S. Richardson Boring Machine. They have 1⅝ inch twist, 2½ inches overall length. Shanks are 5/16-20. Stock sizes, both Right and Left Hand. ¼, 5/16, ⅜, 7/16, ½, 9/16, ⅝, or ¾ inch.

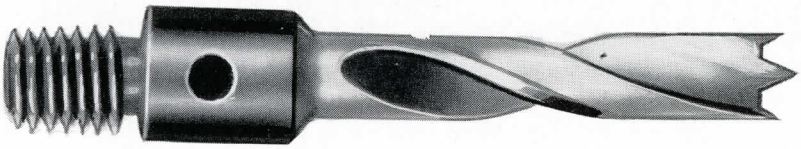
Style 11 Taper Shank Brad Point Drills



Also furnished with Drill Point. 4¾ inches total length. Carried in stock with taper shanks fitting McKnight Boring Machine. Furnished in both right or left hand.

ORDER BY STYLE NUMBER

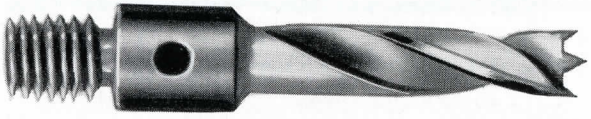
Style 14A Short Length Screw Shank Brad Point Drills



THESE SHORT LENGTH DRILLS ARE USED where greater rigidity is needed. They have 2¼ inch twist. Shank is 1¼ inches long with 7/16-14 screw thread, 3½ inches overall. Furnished in both Right and Left Hand.

Stock Sizes: ¼, 5/16, 3/8, 7/16 or ½ inch diameter.

Style 14B Short Length Screw Shank Brad Point Drills

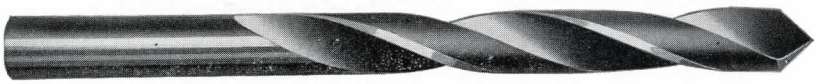


Similar to above. Furnished in same diameters. This drill is 3 inches overall, with 1¾ inch twist x 1¼ inch shank, and 7/16-14 threaded shank. Also made in both Right and Left Hand.

ORDER BY STYLE NUMBER

Style 29 Straight Shank Drills for Wood

or Style 29M Straight Shank Drills for Metal



Also carried in stock in all gauge and letter sizes. Stocked in 64th sizes from 1/16" to 1/2".

Style 13 Straight Shank Brad Point Drills

Diameter Inches	Length in Inches
1/8	3
5/32	3¼
3/16	3½
7/32	3¾
1/4	4
9/32	4¼
5/16	4½

Diameter Inches	Length in Inches
11/32	4¾
3/8	5
13/32	5¼
7/16	5½
15/32	5¾
½	6

Style 25 Tuning Pin Drills

These drills are used by piano manufacturers for boring the wrest plank to receive the tuning pins or other very difficult work. See style 13 for regular drills.

Size	Length
¼-inch	4 inches
261/1000-inch	4 inches
17/64 and 272/1000-inch	4 inches

Other sizes or lengths furnished promptly.

ORDER BY STYLE NUMBER

Style 29B Single Flute Drills

For end boring in wood. Notice how this drill is ground for clearance.

This drill, because of its chip clearing ability, has been found to be satisfactory for the drilling of plastics with a low melting point.

Style 29C Angle Drilling Drill for Wood

Point is similar to our Style 5 V-point Center Drill. The V point cuts the drift and checks the splitting of wood stock when drilling on an angle.

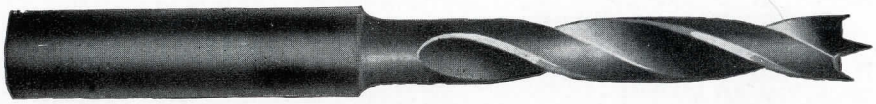
Style 13B Brad Point Drills with Quarter Inch Shank

These drills are similar to our Style 13 and are made of the same quality workmanship and steel. They have ¼ inch shank to accommodate machines with smaller chucks and for portable electric drills.

Stock diameters: ¼, 5/16, 3/8, 7/16, or ½ inch x ¼ inch shank.

ORDER BY STYLE NUMBER

Style 19 Brad Point Drills



Shanks are one-half inch diameter and two inches long, twist 3 inches long. Total length 5 inches including shanks. Carried in stock in all 32nd sizes, 1/8 through 1 inch.

Style 32 Drill Point Drills for Wood

Furnished with 4 inch twist, 1/2 x 2 inch shank, 6 inches over all, in all 32nd sizes from 1/8 to 1 inch. Also can be supplied in 6, 8, 10 and 12 inch twist.

Style 20B Brad Point Drill

Shanks are 3/8 inch diameter and 2 inches long. The twist is 3 1/2 inches long.

Stock sizes: 3/8" and 7/16", both Right and Left Hand.

ORDER BY STYLE NUMBER

Style 20 Brad Point Drill

Straight Shanks ½" diameter by 2" long.
Other size shanks to order.

STYLE 20

Style 18 Taper Shank Brad Point Drill

Morse Taper Shanks.
Other Taper Shanks to Order.

STYLE 18

Sizes for Either Style 20 or 18

Diameter	Length of Twist
1/8-inch	4-inch
5/32 "	4
3/16 "	4
7/32 "	4
1/4 "	4
9/32 "	4
5/16 "	4
11/32 "	4
3/8 "	4 or 6
13/32 "	4 or 6
7/16 "	4 or 6
15/32 "	4 or 6
1/2 "	4 or 6
17/32 "	4 or 6
9/16 "	4 or 6
19/32 "	4 or 6
5/8 "	4 or 6
21/32 "	4 or 6
11/16 "	4 or 6
23/32 "	4 or 6
3/4 "	4 or 6
25/32 "	4 or 6
13/16 "	4 or 6
27/32 "	4 or 6
7/8 "	4 or 6
29/32 "	4 or 6
15/16 "	4 or 6
31/32 "	4 or 6
1 "	4 or 6
1 1/16 "	4 or 6
1 1/8 "	4 or 6
1 3/16 "	4 or 6
1 1/4 "	4 or 6
1 5/16 "	4 or 6
1 3/8 "	4 or 6
1 7/16 "	4 or 6
1 1/2 "	4 or 6

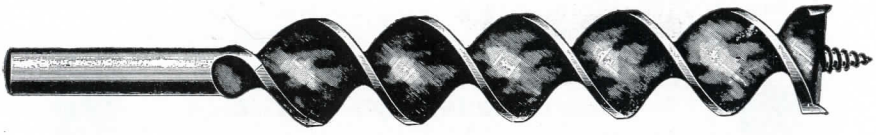
Chair Makers Notice: We also carry Style 20A in stock with shanks 5/8x4" twist 4" long to fit Nash 4 Bit Machine.

Style 20 High Speed Steel

Stock diameters: 3/8 or 7/16 inch.

ORDER BY STYLE NUMBER

Style 26 Double Spur Auger Bit



In stock in all standard sizes with shanks ½" diameter. Twist 4, 5, 6 or 8 inches long.

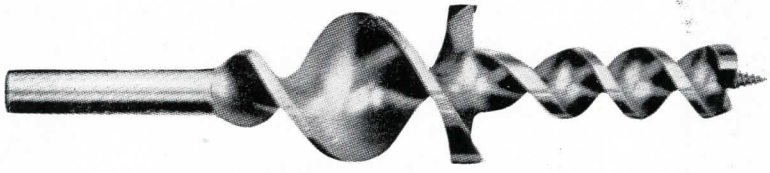
Style 40 Ship Auger Bit

A deep boring bit. Used primarily in construction. Available in 12", 18" & 24" twist lengths, 1/2" dia. shank.

Style 28 Hardesty Pattern Felloe Bit

Will not split the stock. Standard sizes have 2 inch twist and 3 inch shank.

Style 526 Auger Type Countersink

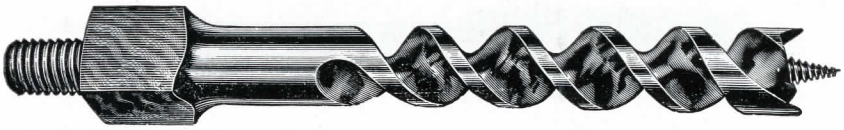


Any combination of sizes and lengths. Prices quoted on receipt of complete specifications.

ORDER BY STYLE NUMBER

Style 16 Screw Shank Dowell Bits

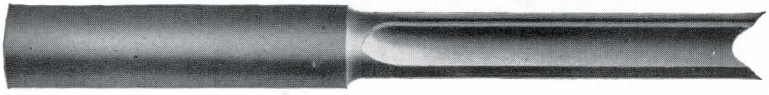
Fitting Every Make of Boring Machine



Stock sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", or 3/4" x 7/16 #14 or 5/16 #20 shanks.

Style 6 Vibrating Mortise Bits

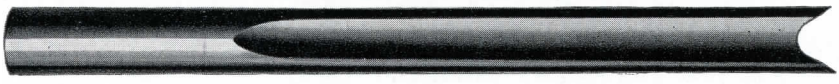
Used for Chair Mortising



Made from the best of tool steel. Our special process of tempering insures you a tool which will not break easily even under the most severe strain. Standard sizes have shanks 1/2 inch diameter x 2 inches long. Length of cut 2 1/2 inches. Larger or longer sizes promptly to order.

Diameter: 1/4, 5/16, 3/8, 7/16 or 1/2 inches.

Style 46 Straight Shank Vibrating Mortise Bits

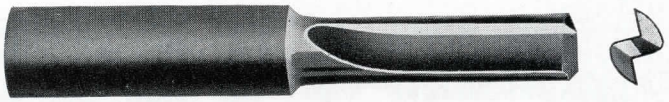


Diameter	Length	Diameter	Length
1/4-inch	4 inches	3/8 "	4 1/2 inches
9/32 "	4 inches	7/16 "	4 1/2 inches
5/16 "	4 1/2 inches		

ORDER BY STYLE NUMBER

Style 44 Router Bit

HIGH SPEED STEEL



Shank ½" dia.—Cutting edges ¾"-1"-1¼" long.

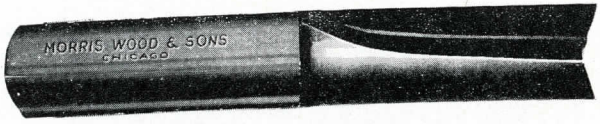
Bit ½" dia. and over have 1½" long cutting edge.

This Style 44 Bit having ½" dia. shank and 2 cutting edges is the very best type for production work; is accurate in sizes and is easily sharpened.

Stock diameters: ⅛", 3/16", ¼", 5/16", ⅜", 7/16", ½", 9/16", ⅝", 11/16", ¾", 13/16", ⅞", 15/16", 1", 1⅛", 1¼", 1⅜", 1½", 1⅝", 1¾", 1⅞", and 2".

Style 88 Router Bit

CARBIDE TIPPED
DOUBLE EDGE



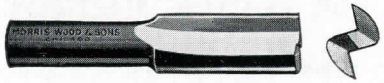
Style 88 D Router Bit

CARBIDE TIPPED
SINGLE EDGE

ORDER BY STYLE NUMBER

Style 44A Router Bit

Same as No. 44 only with 1/4" dia. shank.
High Speed Steel



1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" dia.

Style 44B Router Bit

Shank is same dia. as cutting edge.
High Speed Steel

1/8", 3/16", 1/4", 5/16", 3/8" dia.

Style 44C Double End Router Bit

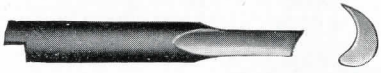
High Speed Steel

1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" dia.

Style 44D Single Edge Router Bit

High Speed Steel

1/4" shanks



3/32", 1/8", 5/32" dia.	With 1/2 inch length edge
3/16", 7/32", 1/4" dia.	With 3/4 inch length edge
9/32", 5/16" dia.	With 1 inch length edge
3/8" dia., 3/8" shank	With 1 inch length edge
3/8" dia., 1/2" shank	With 1 1/2 inch length edge
7/16" dia., 1/2" shank	With 1 1/2 inch length edge
1/2" dia., 1/2" shank	With 1 1/2 inch length edge

ORDER BY STYLE NUMBER

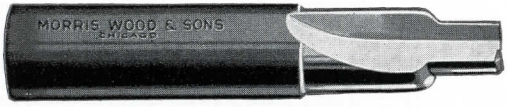
High Speed or Carbon Steel Special Tools

FOR ROUTING MACHINES

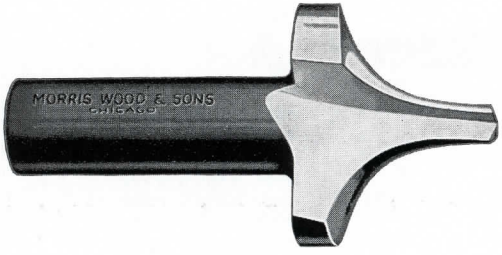
Shaping, Paneling, Grooving, Veining, etc., made to order on receipt of a drawing or a sample, to fit any make of machine, and any operation. Made of the same high grade material as our solid steel shaper cutters with accurate edges. Perfect clearance and temper. Standard shapes carried in stock. Prices furnished on receipt of dimensions. Please specify high speed or carbon steel.

Shape No. 1

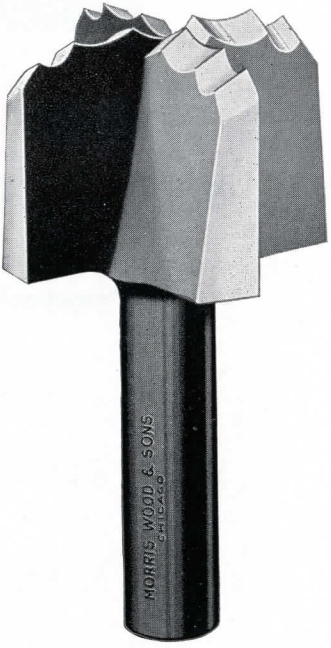
No. 2



No. 3



No. 4



No. 5
Rosette

ORDER BY STYLE NUMBER

Style 30 Screw Shank Dovetail Cutters

CARBON OR HIGH SPEED STEEL

Order complete sets.

•

Specify how many right and how many left hand.

•

Size is determined by depth of cut, not by diameter of cut of bit.

•

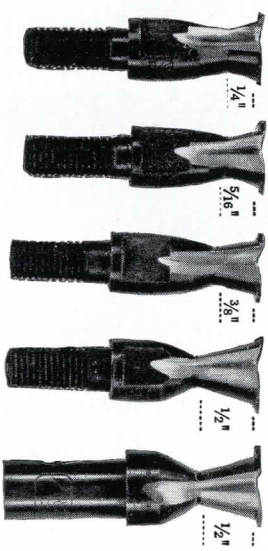
Specify size of shank.

•

Sizes shown are carried in stock with ⅜—20 threaded or ½x 1⅛" straight shanks.

•

Special dovetail cutters made to order.



Stock sizes: ¼, 5/16, or ⅜ inch diameter x ⅜ #20 screw shank.

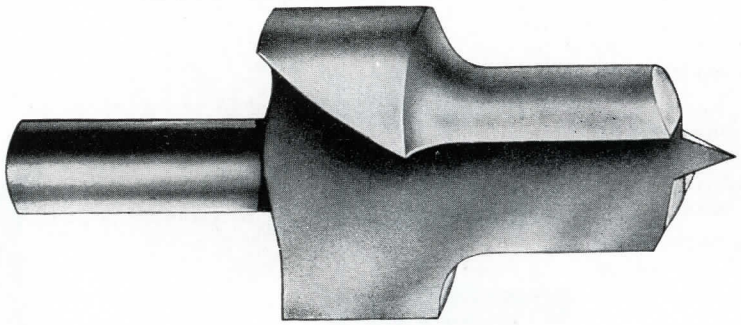
Other diameters and shanks are Special to Order.

Style 15 Stair Router Bits

Shanks are made 2½ inches long by ½-inch diameter. Stock diameters ¾, ⅞, 1, or 1¼ inches.

ORDER BY STYLE NUMBER

Style 24 Hand Hole Router Bit

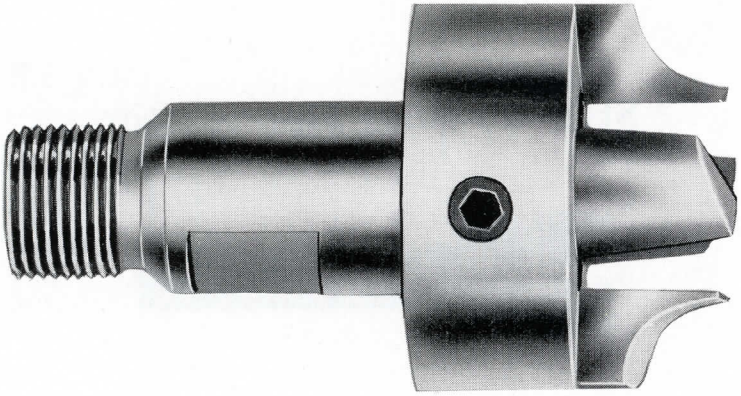


These Router Bits are used to bore and finish the hand holes in beer and pop bottle boxes at one operation. Carbon or High Speed Steel.

Large Diameter, 1¾. Small Diameter, ⅞, 1, or 1⅛.

Mereen Johnson Router Bit

HIGH SPEED STEEL

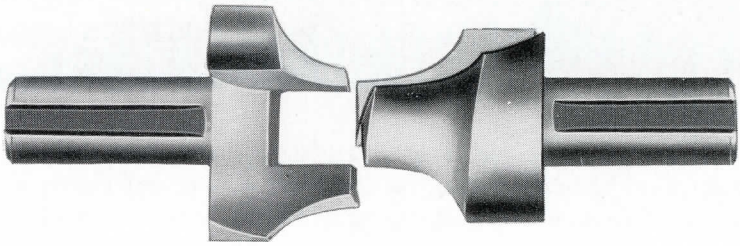


Made to be used in the Mereen-Johnson automatic machine.

ORDER BY STYLE NUMBER

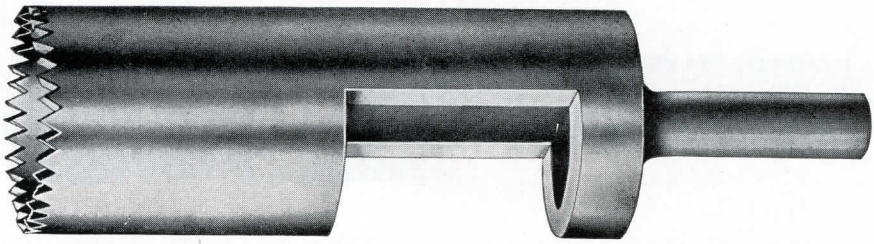
Chase Turbine Bit

HIGH SPEED STEEL



This is another type of Hand Hole Bit. It is designed to be used in the Chase Turbine automatic machine.

Style 33 Barrel Saw

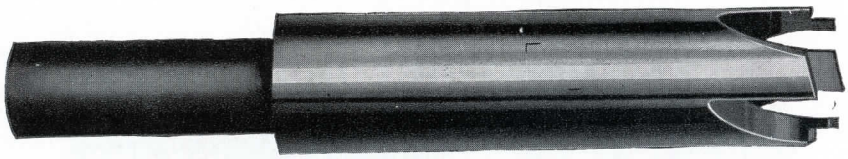


These saws are usually used to bore the corners from chairs, tables, etc., but may also be used to bore where a bit with center can not be used to advantage.

Standard sizes have shanks ½-inch diameter, by 2 inches long. Barrel 4 inches, total 6 inches long. Made either with or without opening. Special lengths or diameters to order.

ORDER BY STYLE NUMBER

Style 9 Plug Cutter

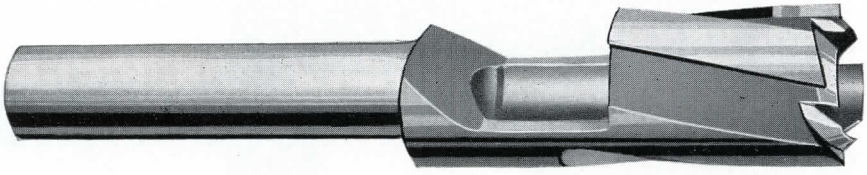


Used to cut plugs to put over screw heads, etc. Lumber should be cut full of plugs then ripped off on the band saw or cut nearly through the board and break off the plugs as used. Special sizes or styles to order.

Stock Sizes

Sizes
3/8-inch Diameter
7/16 " Diameter
1/2 " Diameter
9/16 " Diameter
5/8 " Diameter
3/4 " Diameter

Style 9B Spiral Plug Cutter



Used to cut plugs or bore large holes. Stock lengths are shanks 1/2x2 1/4 inches long. Barrel 2 1/4 inches long. Total length 4 1/2 inches.

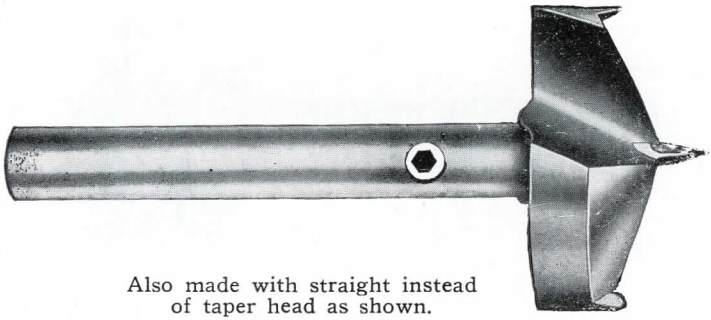
Special lengths to order.

Use lumber same thickness as the plug desired. Finished plugs are automatically ejected through the opening.

Plug sizes: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1 1/8, 1 1/4, 1 3/8, 1 1/2, 1 3/4, or 2 inches in diameter.

ORDER BY STYLE NUMBER

Style 50 Brad Point Boring Bit With High Speed Steel Lips

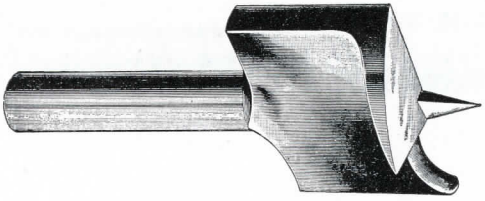


Also made with straight instead of taper head as shown.

Where it is desired to bore a smooth hole through several pieces of stock at once, this bit will be found to do the work properly. Point is removable and can be easily replaced when broken. Lips are adjustable on sizes larger than 2 inches diameter. Adjustable lips to be had in high speed steel. Standard length 5 inches over all. Shanks ½x4 inches long. Carried in stock ¾ to 2½ inches by eighths.

This is the longest wearing bit of its type made. Point and lips only need replacement. On the larger sizes, the shank also can be replaced if it is bent or broken.

Style 22 Machine Center Bit

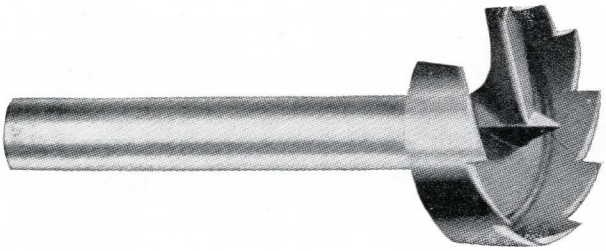


Suitable for all kinds of shallow boring, and will not split light stock. Send complete dimensions.

Stock sizes: ½" to 1½" by eighth inch sizes, and 1¾" to 4½" by quarter inch sizes. Other dimensions Special to Order.

ORDER BY STYLE NUMBER

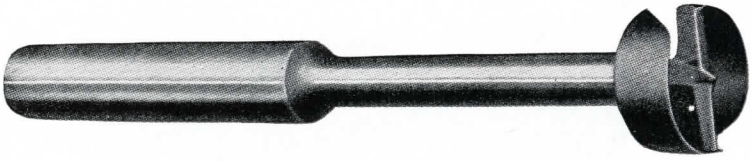
Style 149 Multi Spur Bit



Stocked in 16 inch diameters from ½″ to 2″. In 8th inch diameters from 2″ to 3″ and 4th inch diameters from 3″ to 4″.

All sizes furnished with ½ inch shank.

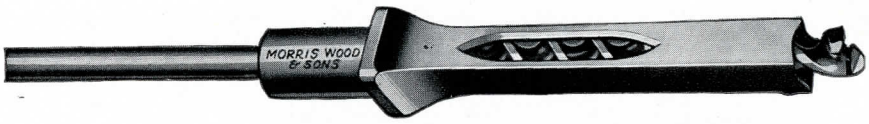
Style 55 Forstner Bits



Also furnished with saw teeth. Stock sizes from ¼″ to 3″ diameter with ½″ shank.

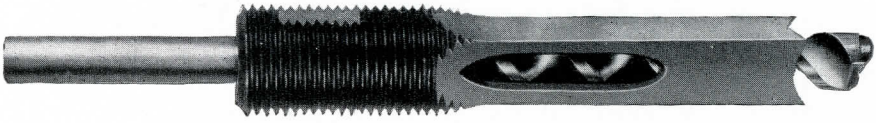
ORDER BY STYLE NUMBER

Style 500 Hollow Mortising Chisel



Regular Blade 4" Long

Style 500A Screw Shank Chisel



Always advise diameter of shank and length of blade when ordering. **Be sure to order extra bits for new chisels; an old or worn bit will ruin a new chisel.**

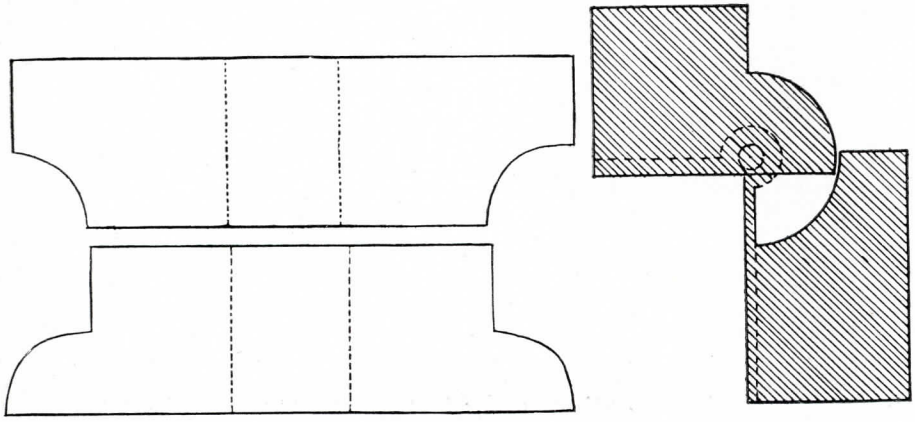
Hollow Chisels Size	Chisel Bits Size
1/4 x 1/4-inch	1/4-inch
5/16 x 5/16 "	5/16 "
3/8 x 3/8 "	3/8 "
7/16 x 7/16 "	7/16 "
1/2 x 1/2 "	1/2 "
9/16 x 9/16 "	9/16 "
5/8 x 5/8 "	5/8 "
11/16 x 11/16 "	11/16 "
3/4 x 3/4 "	3/4 "
13/16 x 13/16 "	13/16 "
7/8 x 7/8 "	7/8 "
1 x 1 "	1 "

ORDER BY STYLE NUMBER

Style 56 Carbide Tipped Drill

For shallow boring in plastics, Formica and abrasive materials.

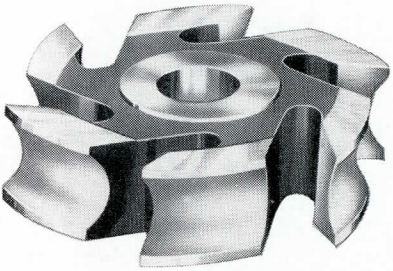
Table Leaf Joint Cutters



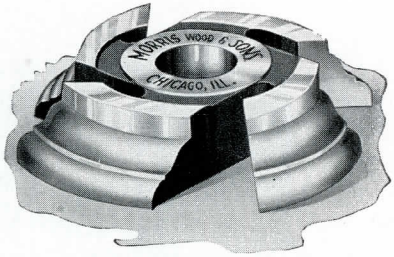
ORDER BY STYLE NUMBER

Twentieth Century Solid Steel Shaper Cutters

Any desired shape, diameter, thickness, size of hole or number of cutting teeth.



Six-tooth Cutter



Four-tooth Cutter

Carbon or High Speed Steel

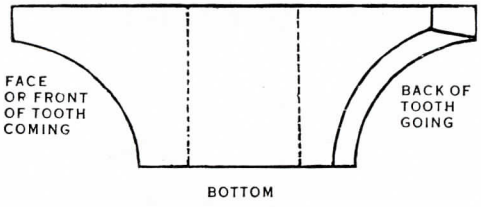
We have manufactured cutters of this description for more than eighty years. They cut easily, producing smooth work with or across the grain. They cut the same shape until entirely worn out, and save their cost in the time spent adjusting loose knives.

Cutters of this type made to order and quoted upon receipt of your specifications.

Get the genuine as made by Morris Wood and Sons and be convinced.

Instructions for Ordering Shaper Cutters

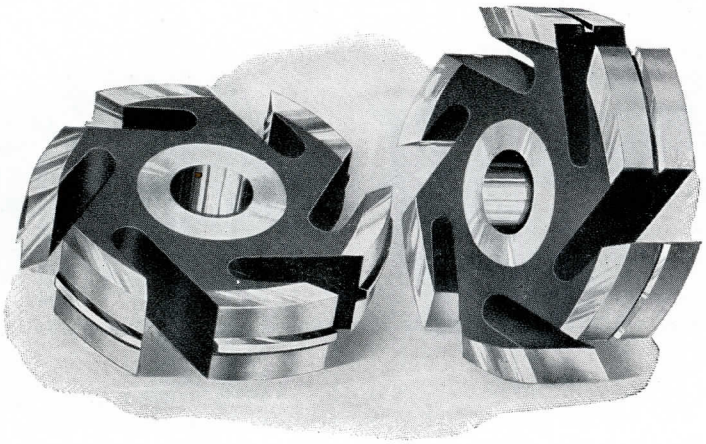
Send sample of mould. Tell us diameter of hole, and diameter of cutter. If cutter is to be run with a guide collar tell us the diameter of collar, and the direction in which cutters are to run as follows: Make an outline sketch of your cutter, similar to one below, telling which side is the front and which is the back of the tooth.

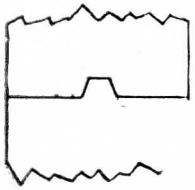


Use this method when ordering, not right hand, left hand, clockwise, or other methods sometimes used to order cutters.

ORDER BY STYLE NUMBER

Twentieth Century Solid Steel Glue Joint Cutters

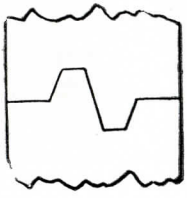




These are the simplest, easiest sharpened, fastest cutting, and longest lasting glue joint cutters or cutter heads on the market. For quality of work produced, as well as economy in time saved adjusting knives in sectional heads they have no equal. Prices quoted on request.

Standard diameter 5¼ inch. Thickness 1¼ to 2¼ inch. Arbor 1⅛ or 1¼.

Twentieth Century Two-in-One Glue Joint Cutter

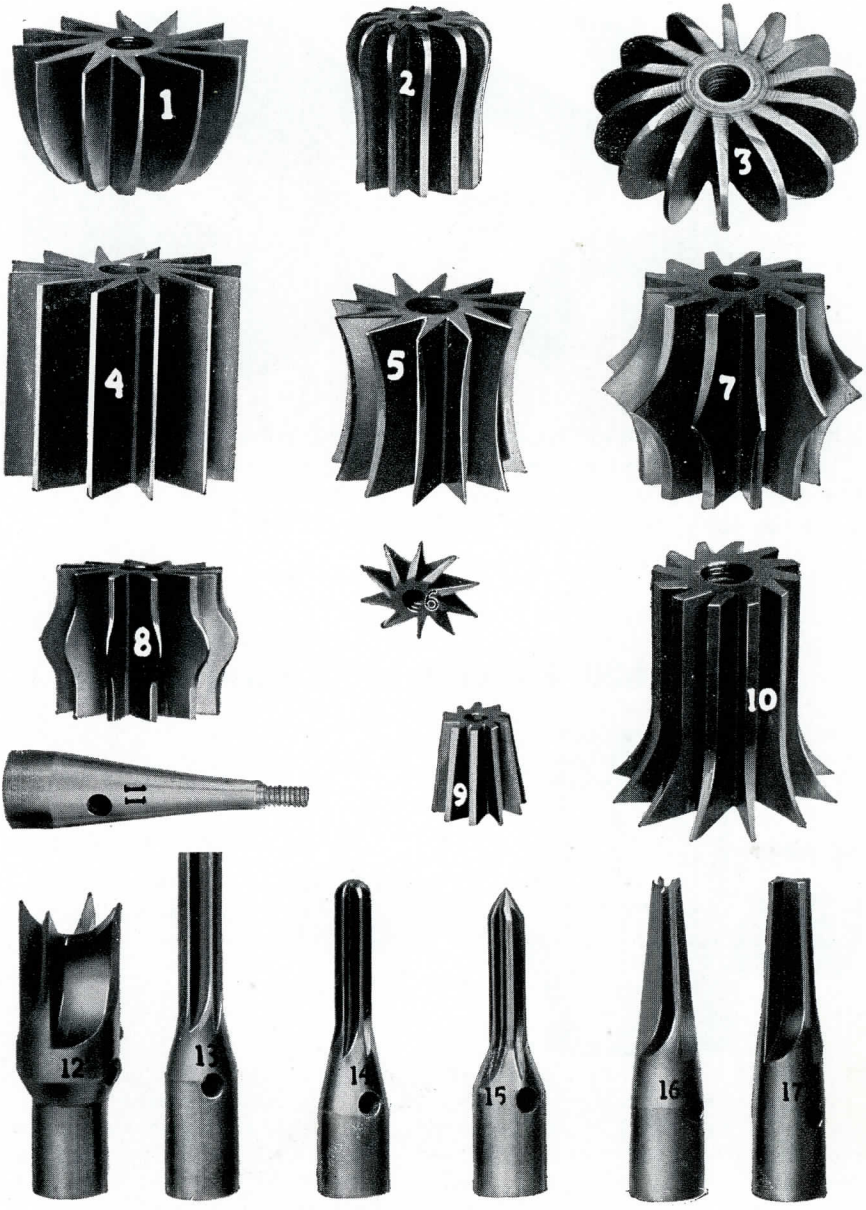


Only one cutter is required. Standard joint is smaller than illustration.

Stock Dimensions
4½" diameter x 1 9/16"
5½" diameter x 1 9/16"

ORDER BY STYLE NUMBER

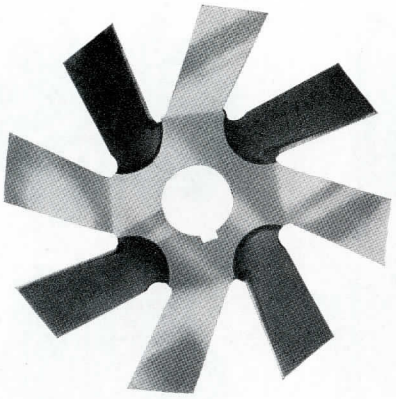
Carving Machine Cutters

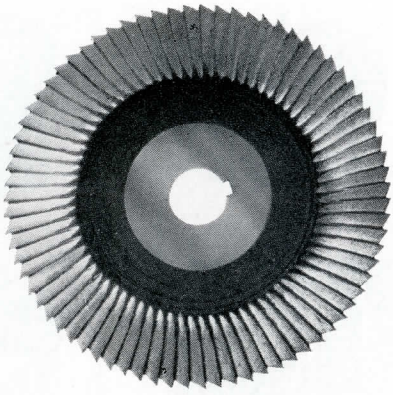


Send sketch if not shown above.

ORDER BY STYLE NUMBER

Special Cutters



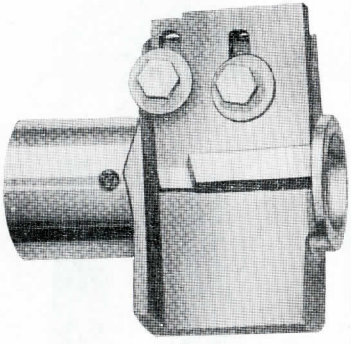


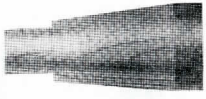
Special Cutters made to specifications and drawings.

Illustration to the left is a Scarfing Cutter, the one to the right a Piano Key Cutter, and is used to make the black Piano keys.

Let us solve your cutting tool problem.

Series 600 Dowell or Tenon Cutter





Made to Fit Any Machine and to Produce Perfectly Smooth Tenons

Knives are made single or double, to cut tenons similar to the one shown at the right of tenon cutter. They can be made to cut either straight or tapered tenons. The tool pictured above is threaded inside to fit over a threaded spindle. Notice the small set screw in shank, which is to hold a stop so length of tenon can be gauged. Send a sample of tenon desired.

ORDER BY STYLE NUMBER

NOTICE

We carry a complete stock of drills for cutting metal, in high speed and carbon steel, in all gauge, letter and fractional sizes

★

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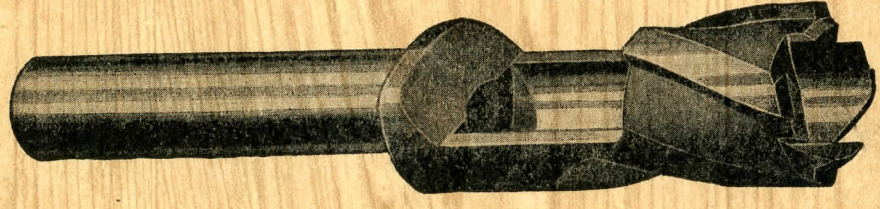
ALWAYS USE THE GENUINE MORRIS WOOD TOOLS

Use the Genuine



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